

Accepted Manuscript

Title: Isostructural metal-carboxylates MIL-100(M) and MIL-53(M) (M: V, Al, Fe and Cr) as catalysts for condensation of glycerol with acetone

Author: Maria N. Timofeeva Valentina N. Panchenko Nazmul Abedin Khan Zubair Hasan Igor P. Prosvirin Sergey V. Tsybulya Sung Hwa Jung



PII: S0926-860X(16)30545-2
DOI: <http://dx.doi.org/doi:10.1016/j.apcata.2016.11.006>
Reference: APCATA 16054

To appear in: *Applied Catalysis A: General*

Received date: 11-7-2016
Revised date: 4-11-2016
Accepted date: 7-11-2016

Please cite this article as: Maria N. Timofeeva, Valentina N. Panchenko, Nazmul Abedin Khan, Zubair Hasan, Igor P. Prosvirin, Sergey V. Tsybulya, Sung Hwa Jung, Isostructural metal-carboxylates MIL-100(M) and MIL-53(M) (M: V, Al, Fe and Cr) as catalysts for condensation of glycerol with acetone, *Applied Catalysis A, General* <http://dx.doi.org/10.1016/j.apcata.2016.11.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Isostructural metal-carboxylates MIL-100(M) and MIL-53(M) (M: V, Al, Fe and Cr) as catalysts for condensation of glycerol with acetone

Maria N. Timofeeva^{1*}, Valentina N. Panchenko¹, Nazmul Abedin Khan²,
Zubair Hasan², Igor P. Prosvirin¹, Sergey V. Tsybulya¹, Sung Hwa Jhung^{2*}

¹ *Boriskov Institute of Catalysis SB RAS, Prospekt Akad. Lavrentieva 5, 630090, Novosibirsk, Russian Federation*

² *Department of Chemistry and Green-Nano Materials Research Center, Kyungpook National University, Sankyuck-Dong, Buk-Ku, Daegu 702-701, Republic of Korea*

***Corresponding authors**

M.N. Timofeeva

Tel.: +7-383-330-7284

Fax: +7-383-330-8056

E-mail: timofeeva@catalysis.ru

Address: Boriskov Institute of Catalysis SB RAS, Prospekt Akad. Lavrentieva 5, 630090, Novosibirsk, Russian Federation

S.H. Jhung

Tel: +82-53-950-5341

Fax: +82-53-950-6330

e-mail: sung@knu.ac.kr

Address: Department of Chemistry and Green-Nano Materials Research Center, Kyungpook National University, Sankyuck-Dong, Buk-Ku, Daegu, 702-701, Republic of Korea

Download English Version:

<https://daneshyari.com/en/article/4755872>

Download Persian Version:

<https://daneshyari.com/article/4755872>

[Daneshyari.com](https://daneshyari.com)